ASSIGNMENT ON PYTHON FUNDAMENTALS

By Shino Mary Philipose

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py   ✕   ⋮

```python
"""
Excercise1
Write Python code that prints your name,student number and email address.
"""
print('Bob,ST1001,bob@gmail.com')
```

Run   🐍 PoundsToDollars   ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
Bob,ST1001,bob@gmail.com

Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕   ⋮

```python
10    escape sequences
11    """
12    print('\tBob,\tST1001,\tbob@gmail.com')
13
```

Run   🐍 PoundsToDollars ✕

```
Bob,ST1001,bob@gmail.com
      Bob,      ST1001, bob@gmail.com

Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕

```python
"""
print('\tBob,\tST1001,\tbob@gmail.com')#\t tab sequence
print('Bob,\nST1001,\nbob@gmail.com')
```

Run   🐍 PoundsToDollars ✕

```
    Bob,      ST1001, bob@gmail.com
Bob,
ST1001,
bob@gmail.com

Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py

```python
escape sequences
"""
print('\tBob,\tST1001,\tbob@gmail.com')#\t tab sequence
print('Bob,\nST1001,\nbob@gmail.com')#\n nextline sequence
print('Bob,ST1001,\bbob@gmail.com')
```

Run   🐍 PoundsToDollars ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
Bob,ST1001,bob@gmail.com
    Bob,    ST1001, bob@gmail.com
Bob,
ST1001,
bob@gmail.com
Bob,ST1001bob@gmail.com
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕

```
21    var1=int('14')
22    var2=int('7')
23    print((var1+var2),(var1-var2),(var1*var2),(var1/var2))
24
```

Run   🐍 PoundsToDollars ✕

```
ST1001,
bob@gmail.com
Bob,ST1001bob@gmail.com
21 7 98 2.0

Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕

```
12    print( {tBob},{tST1001},{tbob@gmail.com })#\t tab sequence
13    print('Bob \nST1001 \nbob@gmail com')#\n nextline sequence
```

Run   🐍 PoundsToDollars ✕

```
Bob,
ST1001,
bob@gmail.com
Bob,ST1001bob@gmail.com
21 7 98 2.0
1
2
3
4
5

Process finished with exit code 0
```

```python
12  print('\tBob,\tST1001,\tbob@gmail.com')#\t tab sequence
13  print('Bob,\nST1001,\nbob@gmail.com')#\n nextline sequence
14  print('Bob,ST1001,\bbob@gmail.com')#\b back space sequence
15
16  """
17  Exercise 3
18  Write Python code that add,subtract,multiply and divide the two numbers.
19  You can use the two numbers 14 and 7.
20  """
21  var1=int('14')
22  var2=int('7')
23  print((var1+var2),(var1-var2),(var1*var2),(var1/var2))
24
25  """
26  Exercise 4
27  Write a Python code that displays the numbers from 1 to 5 as steps.
28  """
29  print('1\n2\n3\n4\n5')
```
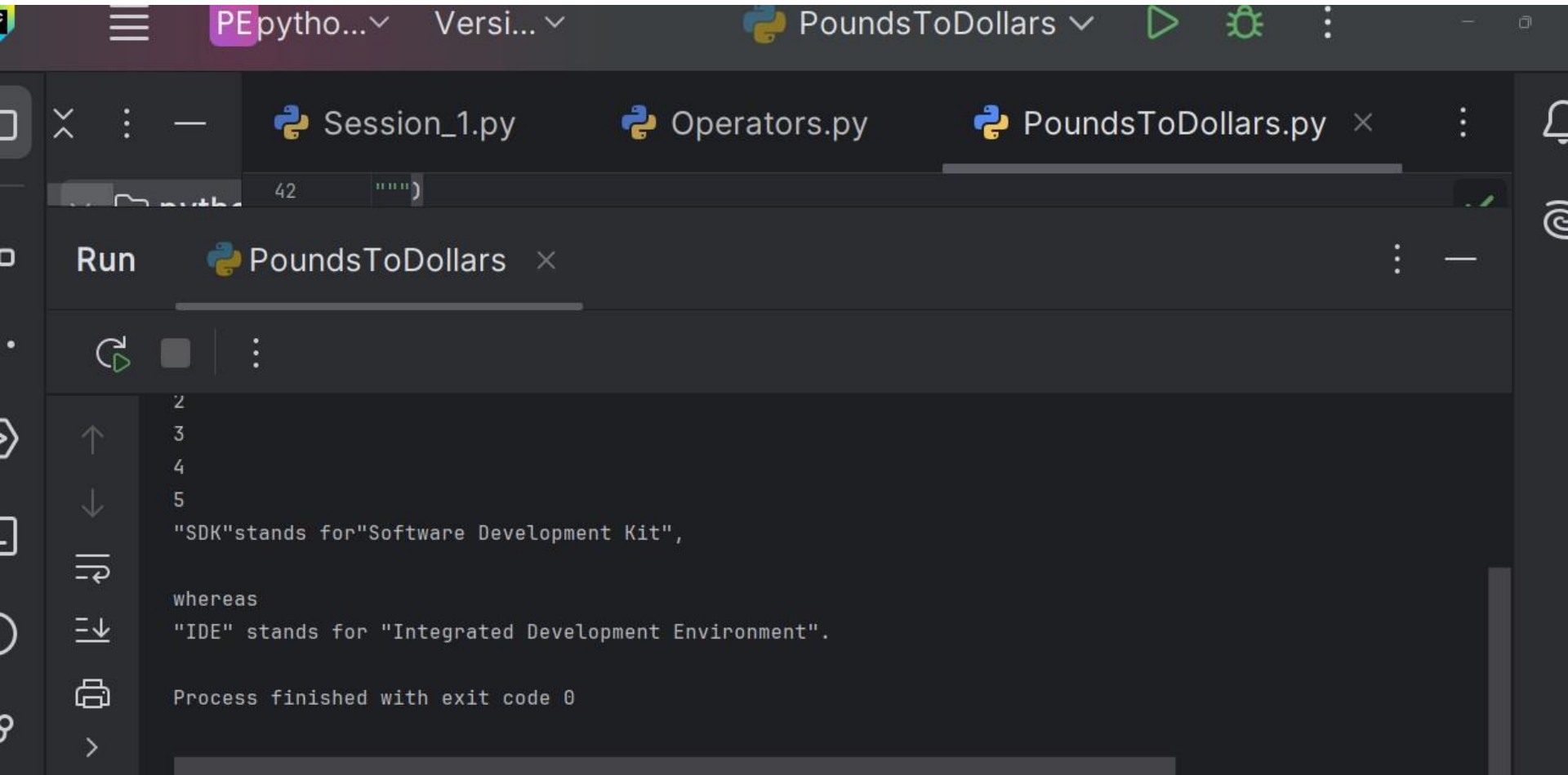
🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕

```
42        """)
```

Run   🐍 PoundsToDollars ✕

```
2
3
4
5
"SDK"stands for"Software Development Kit",

whereas
"IDE" stands for "Integrated Development Environment".

Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕   ⋮

```python
"""
Exercise 5
Write a Python code that outputs the following sentence(including the quotation marks
and line break) to the screen:
An example runs of the program:
"SDK"stands for"Software Development Kit",
whereas
"IDE" stands for "Integrated Development Environment".
"""
print("""\"SDK\"stands for\"Software Development Kit\",
\nwhereas\n\"IDE\" stands for \"Integrated Development Environment\".\
""")
```

```python
57        print("python is an \"awesome\" language".)
```
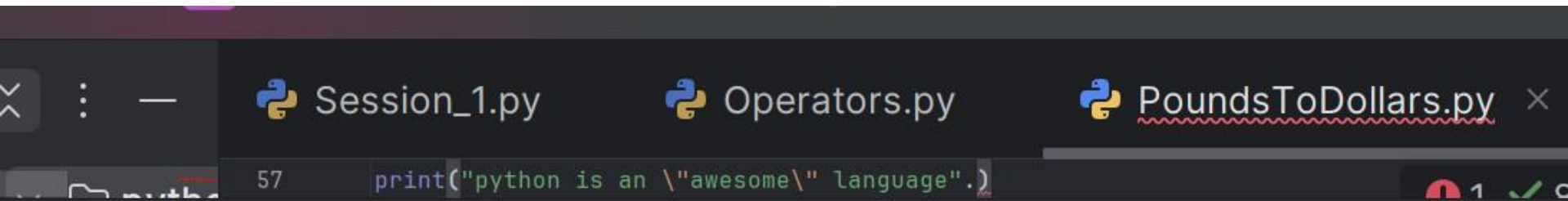
Run   PoundsToDollars ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProje
  File "C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\PoundsToDollars.py", line 57
    print("python is an \"awesome\" language".)
                                              ^
SyntaxError: invalid syntax

Process finished with exit code 1
```

```
59        print("python\n\t2023")
60
```

Run   PoundsToDollars ✕

```
whereas
"IDE" stands for "Integrated Development Environment".
python
    2023
```
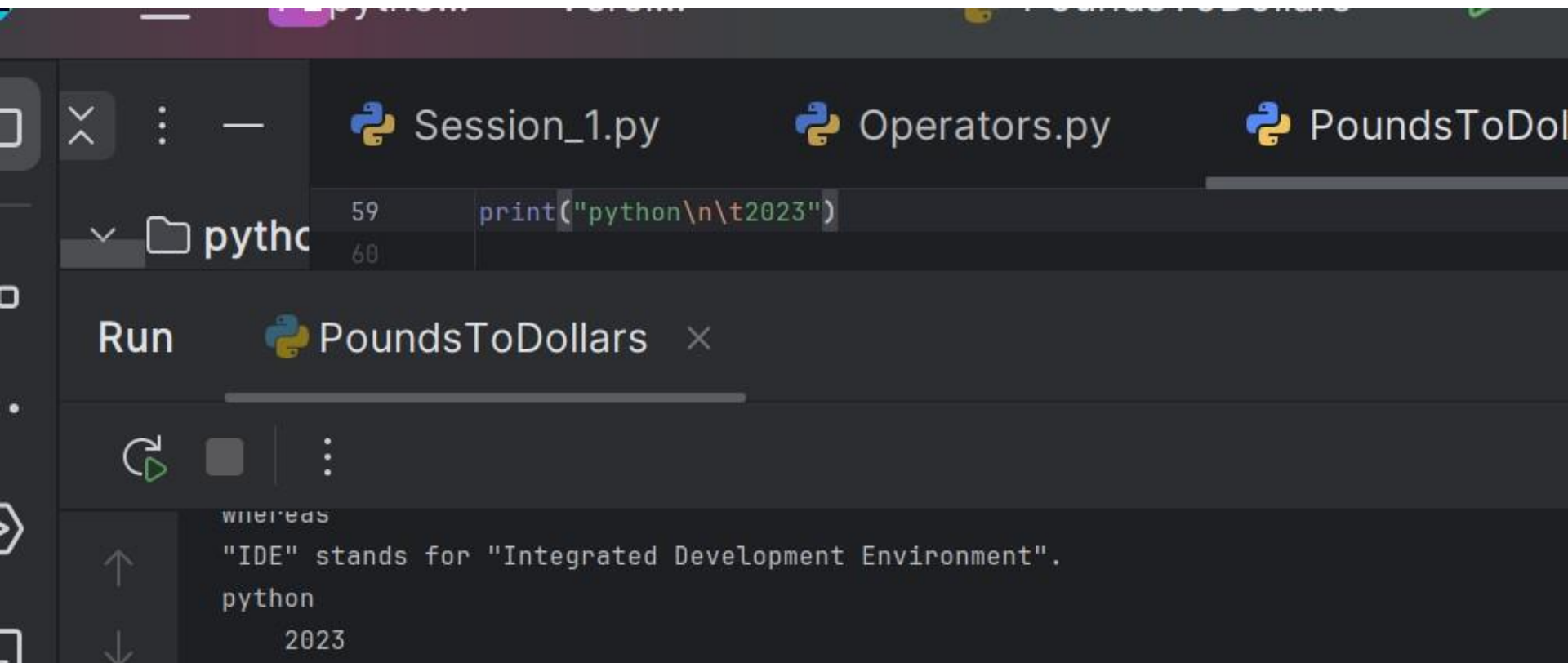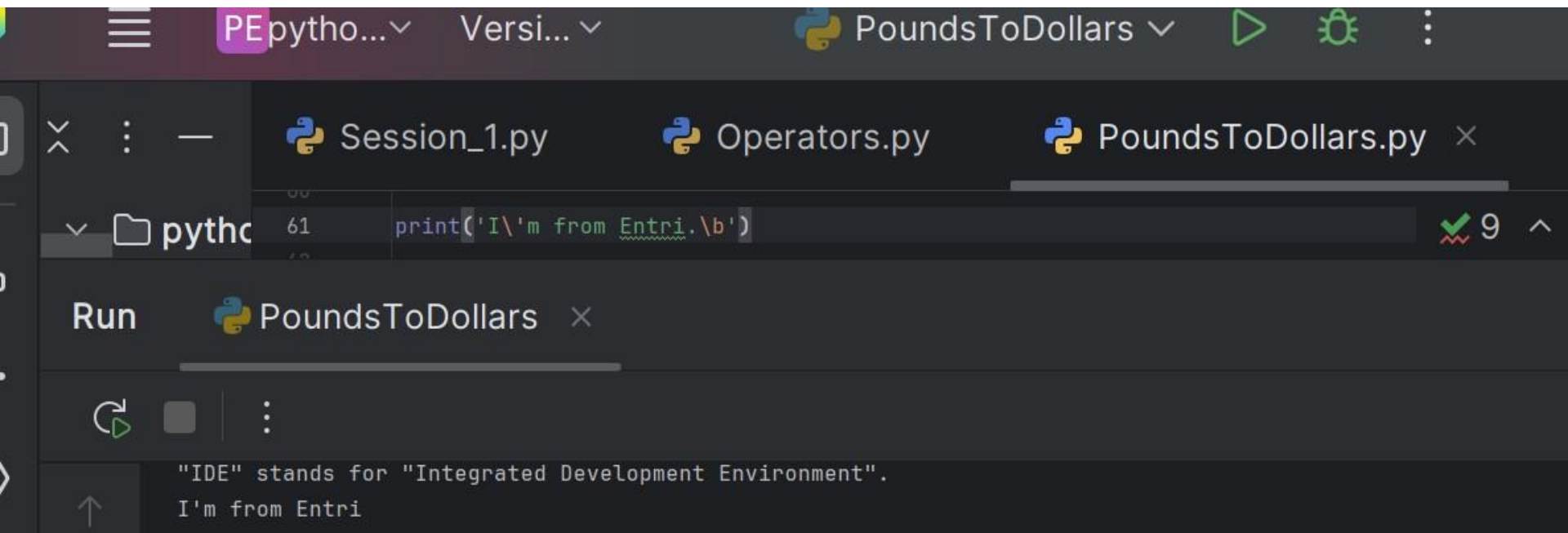
🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ×

```python
61    print('I\'m from Entri.\b')
```

Run   🐍 PoundsToDollars ×

```
"IDE" stands for "Integrated Development Environment".
I'm from Entri
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ×   ⋮   🔔

> 🗀 **pytho**   63   `print("\65")`   ✔ 11 ∧ ∨

Run   🐍 PoundsToDollars ×   ⋮ —

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
5


Process finished with exit code 0
```

```
65        print("\x65")
```

Run   PoundsToDollars ×

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\pytho
e


Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕   ⋮

```
67        print("Entri","2023",sep="\n")
```
✔ 11 ∧ ∨

Run   🐍 PoundsToDollars ✕   ⋮ —

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
Entri
2023

Process finished with exit code 0
```

```python
print("Entri","2023",sep="\b")
```

Run   PoundsToDollars ×

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
Entr2023

Process finished with exit code 0
```
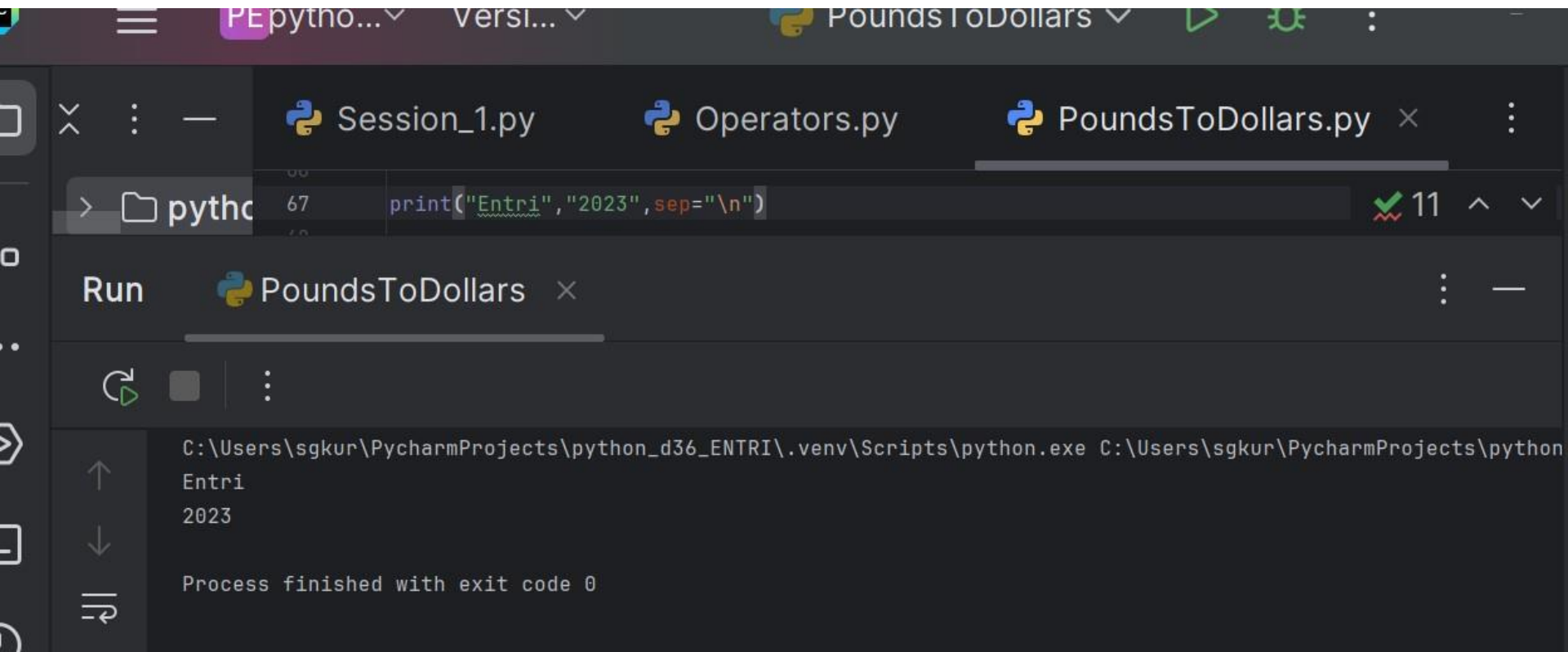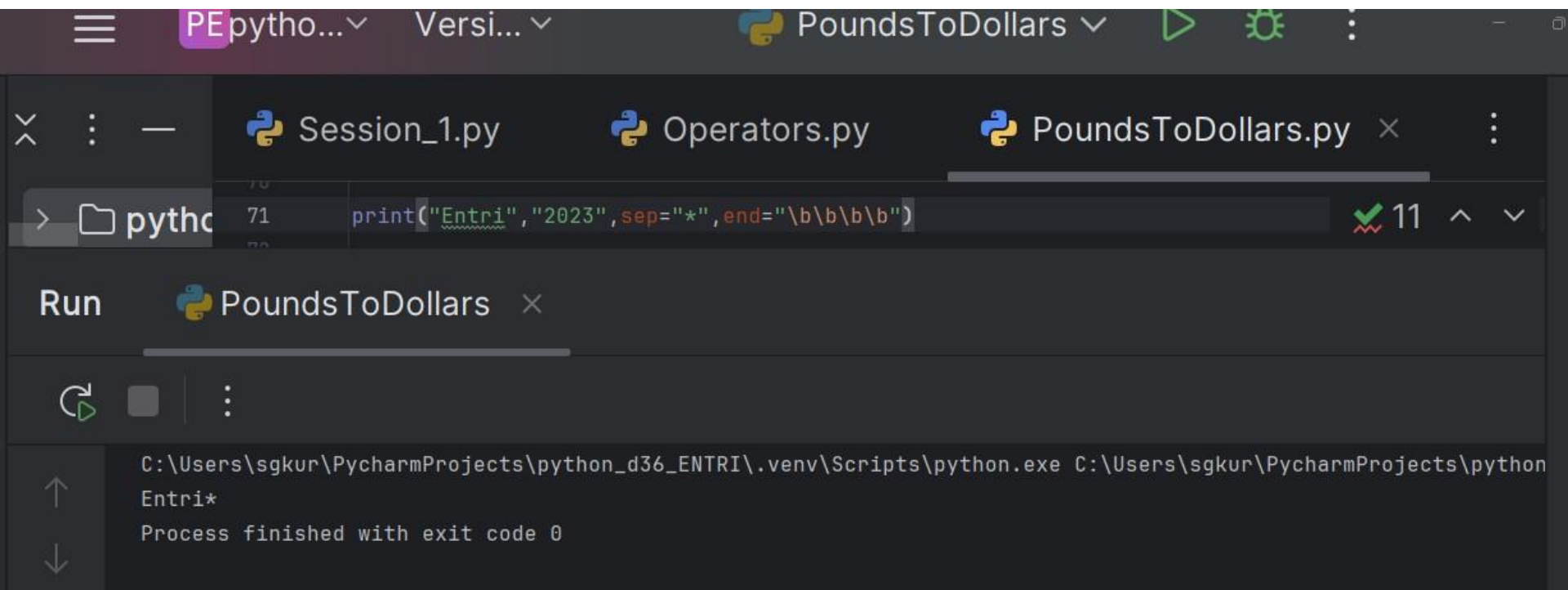
🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕   ⋮

```python
print("Entri","2023",sep="*",end="\b\b\b\b")
```

✔ 11 ∧ ∨

Run   🐍 PoundsToDollars ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
Entri*
Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕

```
74   Exercise 7
75   Define the variables below.Print the types of each variable.
76   What is the sum of your variables?(hint:use a type conversion function.)
77   What datatype is the sum? num=23 textnum="57" decimal=98.3
78   """
79   num=23
80   print(type(num))
81
```

✅ 12

Run   🐍 PoundsToDollars ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
<class 'int'>

Process finished with exit code 0
```

```
81
82      textnum="57"
83      print(type(textnum))
```

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTR1\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\pytho
<class 'str'>

Process finished with exit code 0
```

```
84
85    decimal=98.3
86    print(type(decimal))
```
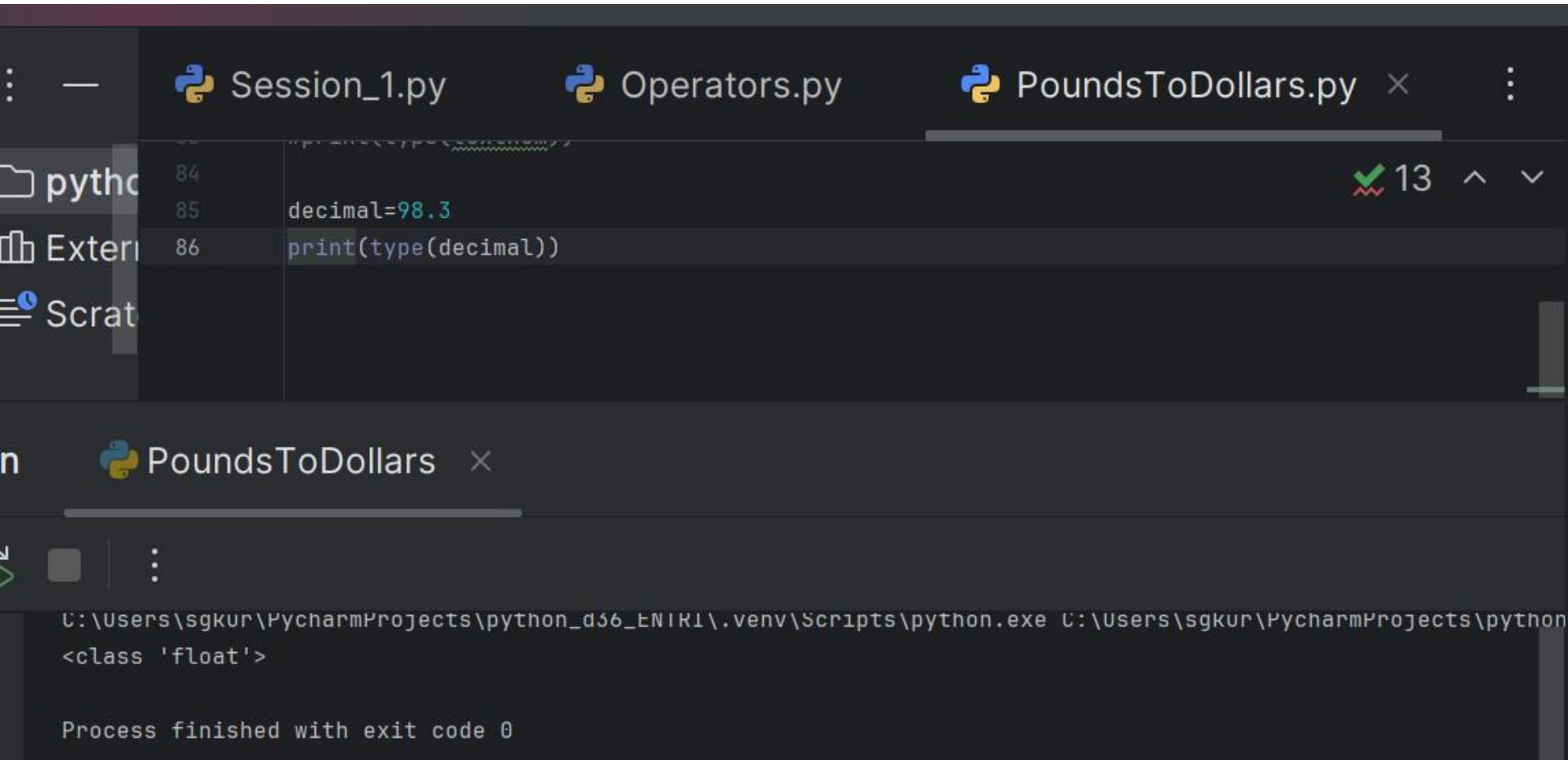
✔ 13 ∧ ∨

PoundsToDollars ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
<class 'float'>

Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py ✕   ⋮

```
81
82  textnum=int("57")
83  print(type(textnum))
84
85  #decimal=98.3
86  #print(type(decimal))
87
```

✔14 ∧ ∨

Run   🐍 PoundsToDollars ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTR1\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
<class 'int'>

Process finished with exit code 0
```

🐍 Session_1.py   🐍 Operators.py   🐍 PoundsToDollars.py   ✕

```python
86    #print(type(decimal))
87    sum=num+textnum+decimal
      print(sum)
89
90
```

⚠ 1 ✔ 14

Run   🐍 PoundsToDollars ✕

```
C:\Users\sgkur\PycharmProjects\python_d36_ENIRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProject
178.3

Process finished with exit code 0
```

```
87  sum=num+textnum+decimal
●   print(sum)
89  print(type(sum))
90
91
```

⚠ 1 ✔ 14

Run   PoundsToDollars ✕

```
178.3
<class 'float'>

Process finished with exit code 0
```

```
103     """
104     totalMinAnYear=365*24*60
105     print(totalMinAnYear,"minutes in an year")
106
107
108
```

✓ 14

Run   PoundsToDollars ×

```
C:\Users\sgkur\PycharmProjects\python_d36_ENTRI\.venv\Scripts\python.exe C:\Users\sgkur\PycharmProjects\python
525600 minutes in an year

Process finished with exit code 0
```

```
110        output/prints his /her name with a greeting."""
111     name=input("Please enter your name:")
112     print(f"Name of the candidate is{name}.Hi{name},welcome to Python programming")
113
114
```

Run   PoundsToDollars ✕

```
Please enter your name:Tony
Name of the candidate isTony.HiTony,welcome to Python programming

Process finished with exit code 0
```

```
119
120        amount=input("Please enter amount in pounds:")
121        print(f"poundXXX are$XXX")
```

Run   PoundsToDollars ×

```
Please enter amount in pounds:xxx
poundXXX are$XXX


Process finished with exit code 0
```